

Work Order ID 141973

141973

Reprint

Page 1

Monday, February 29, 2016 10:29:39 AM

Item ID: PB67-43001-23 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Lower Blade Support And Cover Assembly
Start Date: 2/23/2016 Start Qty: 2.00 ***2*** Cust Item ID:
Required Date: 3/1/2016 Req'd Qty: 2.00 ***2*** Customer:
Reference:

Approvals: Process Plan: mf Date: 16-2-29 Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
B67-43001-23	Rev C								

100		0.00				2	MAR 01 2016	DAS 24 9-30
100	Small Fab							
Small Fab	Memo	0.00						
Small Fab	Assemble as per dwg PB67-43001							
110	QC5- Inspect part completeness to step on W/O	0.00				(2)		RB 16-03-01
110								
QC	Memo	0.00						
Quality Control								
120	Identify as per dwg & Stock Location: <u>MEZZ2</u>	0.00				2	MAR 01 2016	DAS 24 9-30
120								
Packaging	Memo	0.00						
Packaging								

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QS1042) Approval 	
Description Work Order Deviation				Disposition					
								Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	

Root Cause				FAULT CATEGORY							
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong	☐
Design	☐	Operator	☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions	☐
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance	☐
Equip/Tooling	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect	☐
Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing	☐
Material	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved	☐
Internal Transport	☐	Poor Information	☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing	☐
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish	☐
LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread	☐
Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence	☐
Past Expiry Date	☐	Manufacturing Process	☐								
Misidentified	☐	Past Due	☐	OTHER :							

Page 2

MCS MAR 01 2016

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Design ☐	☐ Operator	☐ Bending	☐ Set-up	☐ Folio/Program	☐ Outside Dimensions				
Doc/Data ☐	☐ Offset/Setup	☐ Centre Not Concentric	☐ BOM/Route	☐ Grain	☐ Over/Under tolerance				
Equip/Tooling ☐	☐ Supplier	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Part Incorrect				
Handling/Pre ☐	☐ Training	☐ Crimp/Kink/Ripple/Wave	☐ Inspection Incomplete/Unqualified	☐ Wrong Stock Pulled	☐ Part Lost/Missing				
Material ☐	☐ Use for Testing	☐ Cuffs	☐ Contamination	☐ Out of Sequence	☐ Part Moved				
Internal Transport ☐	☐ Poor Information	☐ Crushing	☐ Countersink	☐ Off-set	☐ Drawing				
Tribal Knowledge ☐	☐ Rushing	☐ Heat Treat	☐ Cut Too Short	☐ Mislabeled	☐ Finish				
LOA ☐	☐ Product Improvement	☐ Wave/Twist in Tube	☐ Instructions Incomplete/Unclear	☐ Fit/Function	☐ Misread				
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Past Expiry Date ☐	☐ Manufacturing Process	OTHER : _____							
Misidentified ☐	☐ Past Due								

Picklist Print

Monday, February 29, 2016 10:29:38 AM

Page 1

Work Order ID: 141973

141973

Parent Item: PB67-43001-23

PB67-43001-23

Parent Item Name: Lower Blade Support And Cover Assembly

Start Date: 2/23/2016

Required Date: 3/1/2016

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP Rev:A 08-07-25 new issue DD verified by:ec
10.09.28 per rev C dwg EC verified by:DD

IPP Rev B

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MS27039-1-10		Purchased				100	Each	178.0000	8	16			

MS27039-1-10

SCREW

**

Location	Loc Qty	Loc Code
CA	41	
m128635	41	
GA	50	
m129541	50	
ST280	87	
m134166	87	

NAS1149D0316J

Purchased

No

100

Each

191.0000

8

16

NAS1149D0316J

Washer

**

Location	Loc Qty	Loc Code
GA	112	
122151	1	
M132677	111	
ST270	79	
M127956	79	

FEB 29 2016

DAS
6
3-30

DAS
6
3-30

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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								Lead hand / Supervisor Approval Verification	
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Root Cause		FAULT CATEGORY							
Environment ☐	☐ No Re-verification	☐ Pressure/Forced	☐ Temperature/Cure	☐ Power Loss/Surge	☐ Positioned Wrong				
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Misidentified ☐	☐ Past Due								
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Picklist Print

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Page 2

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141973

Parent Item: PB67-43001-23

PB67-43001-23

Parent Item Name: Lower Blade Support And Cover Assembly

Start Date: 2/23/2016

Required Date: 3/1/2016

Start Qty: 2.00

Required Qty: 2.00

NAS1149D0363J

Purchased

No

100

Each

1,091.000

12

24

NAS1149D0363.J

Washer

**

DAS
6
9-89

FEB 29 2016

Location

Loc Qty

Loc Code

GA

64

m130799

64

ST263

1027

m133932

27

m134055

1000

24
2

PB67-43001-181

Manufactured

No

100

Each

18.0000

1

PB67-43001-181

Cover Plate

**

DAS
24
9-89

FEB 29 2016

Location

Loc Qty

Loc Code

Mezz2

18

111816

3

138694

15

2

PB67-43001-79

Manufactured

No

100

Each

2.0000

1

PB67-43001-79

Lower Blade Support Assembly

**

DAS
24
9-89

FEB 29 2016

Location

Loc Qty

Loc Code

Mezz2

2

139165

2

2

PB67-43001-83

Manufactured

No

100

Each

51.0000

1

PB67-43001-83

D-Pad Assembly, Short

**

DAS
24
9-89

FEB 29 2016

Location

Loc Qty

Loc Code

Mezz2

51

138687

51

2

DQA: _____ Date: _____

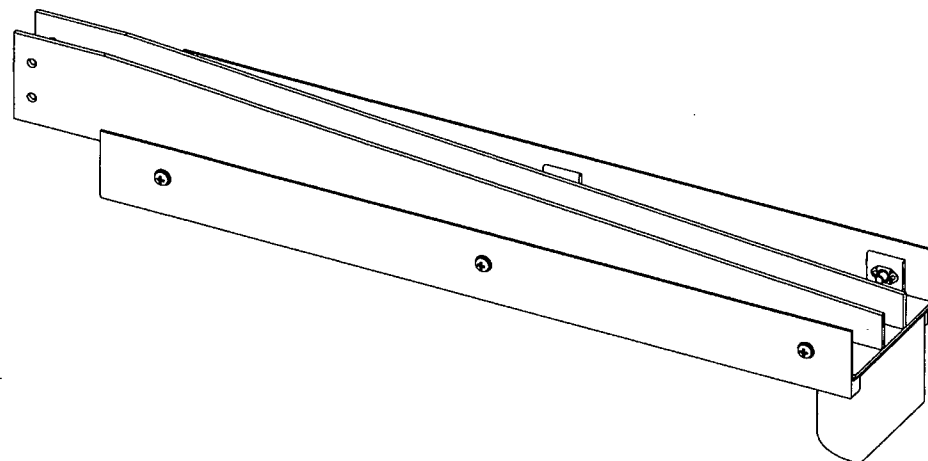


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Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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OTHER : ☐																									



B67-43001-23 LOWER BLADE SUPPORT AND COVER ASSY

ITEM	QTY -23	P/N	DESCRIPTION
1	X	B67-43001-23	LOWER BLADE SUPPORT AND COVER ASSY
3	1	B67-43001-79	LOWER BLADE SUPPORT ASSY
4	1	B67-43001-83	D-PAD ASSEMBLY, SHORT
5	1	B67-43001-181	COVER PLATE
7	8	MS27039-1-10	SCREW
8	8	NAS1149D0316J	WASHER
9	12	NAS1149D0363J	WASHER

RELEASED
2010-09-16
MD

C	REDRAWN PREMIER AVIATION DRAWING IAW DART QSI 018 AND QSI 043. FOR PREVIOUS REVISIONS, REFER TO SHEET 10 OF PREMIER AVIATION DRAWING No. B67-43001. REASON: SEE PAR#09-011.		MB	09.07.28
REV.	DESCRIPTION		BY	DATE
DESIGN	R/W	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
DRAWN				
CHECKED	JDS	DRAWING NO.	REV. C	
MFG. APPR.		B67-43001-23	SHEET 1 OF 2	
APPROVED	MD	TITLE	SCALE	
DE APPR.	N/A	LOWER BLADE SUPPORT AND COVER ASSY	NTS	
DATE	09.07.28	COPYRIGHT © 1995 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL. IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.		

DQA: _____ Date: _____

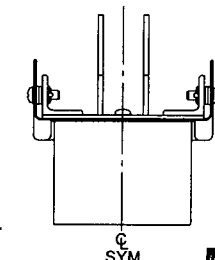
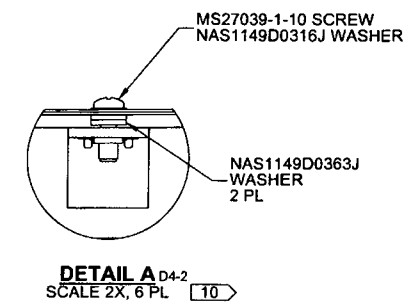
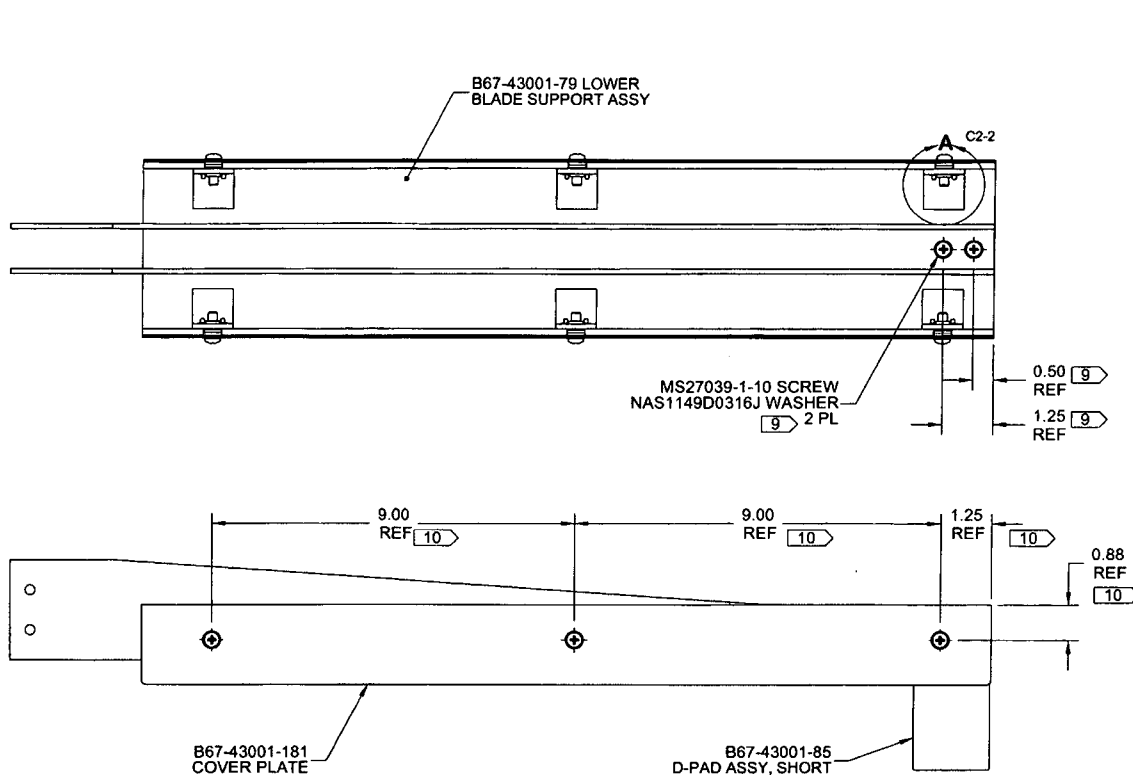


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Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
		OTHER : ☐			



B67-43001-23 LOWER BLADE SUPPORT AND COVER ASSY

NOTES:

- 1) MATERIAL: NONE
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: NONE
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 7.10 lbs
- 8) WELDING: PER DART QSI 004
- 9) MATCH DRILL $\varnothing 0.250$ THRU B67-43001-181 WITH HOLE PATTERN OF B67-43001-79
- 10) MATCH DRILL $\varnothing 0.250$ THRU B67-43001-181 WITH HOLES IN ANGLE BRACKETS ON B67-43001-79

DESIGN	RW	DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. C
MFG. APPR.		B67-43001-23	SHEET 2 OF 2
APPROVED		TITLE	SCALE
DE APPR.	N/A	LOWER BLADE SUPPORT AND COVER ASSY	NTS
DATE	09.07.28	COPYRIGHT © 1995 BY DART AEROSPACE LTD	
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RELEASED
2010-09-16

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		☐ OTHER : _____							